

Abstract

Formulations and their use in the coloration of substrates

5 Formulations comprising

(A) at least one pigment in particulate form that has been treated according to a process which comprises steps of:

- 10 (a) mixing pigment in particulate form with at least one nonionic surface-active substance,
- (b) dispersing the thus obtainable mixture of pigment in particulate form and nonionic surface-active substance in an aqueous medium,
- (c) addition polymerizing at least one first monomer or addition
- 15 copolymerizing a first mixture of comonomers in the presence of a dispersion according to b) to form water-insoluble polymer or copolymer on the surface of the pigments in particulate form,
- (d) adding at least one second comonomer or a second mixture of comonomers and addition copolymerizing,
- 20 and

(B) at least one radiation-curable component.